

Friday, March 30, 2012

Tom Givetz
New Hampshire Fish and Game Powder Mill
288 Merrymeeting Road
New Durham NH 03855

Project Name: Powder Mill Hatchery
Project #: N/A
Project Location: New Durham, NH
Control #: 88334

Lab ID: 12030129

Date Received: 3/15/2012

Dear Tom Givetz

Enclosed please find the laboratory results for the above referenced samples that were received by the ChemServe sample custodian on the above referenced date. Any abnormalities to the samples upon receipt would be noted on the enclosed chain of custody document. This report is not valid without a completed chain of custody with the corresponding control number, attached.

All samples analyzed by ChemServe are subject to quality standards. These standards are as stringent or more stringent than those established under NELAC, 40 CFR Part 136, state certification programs, and corresponding methodologies. ChemServe has a written QA/QC Procedures Manual that outlines these standards, and is available for your reference, upon request. Unless otherwise stated on the Chain of Custody or within the report, all holding times, preservation techniques, container types, and analytical methods are analogous with those outlined by NELAC. All units are based on "as received" weight unless denoted "dry".

I certify that I have reviewed the above referenced analytical data and state forms, and I have found this report within compliance with the procedures outlined within NELAC. ChemServe's certified parameter list can be found at <http://www.chemservelab.com/Laboratory-Information-and-Documentation.aspx>



Jay Chrystal - President/Laboratory Director

New Hampshire Fish and Game Powder Mill

Tom Givetz

288 Merrymeeting Road

New Durham NH 03855

Control #: 88334

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Lab ID: 12030129

Date: 3/30/2012

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Sample Receiving and Comment Summary

Were Samples Submitted with a chain of custody?	Yes
Do all samples received match the chain of custody?	Yes
Were all samples received within applicable holding times?	Yes
Were all containers intact when received?	Yes
Was there evidence of cooling if required?	Yes
Were samples for Volatile organic analysis free of headspace (per method)?	N/A
Was the cooler temperature recorded if applicable?	Yes
If the sample pH was not correct was it adjusted where applicable?	Yes
If samples for dissolved metals were not filtered were they filtered in the lab?	N/A

Sample	Method	Client Identity	Matrix	Analyst
12030129-001	EPA 300.0	001-NO	Wastewater	HeatherM

Comment: no comment

* Blank comment sections denote "No Comment"



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Sales@chemservelab.com

New Hampshire Fish and Game Powder Mill

Tom Givetz

288 Merrymeeting Road

New Durham NH 03855

Control #: 88334

Project Number: N/A

Project Name: Powder Mill Hatchery

Project Location: New Durham, NH

Analytical Results

Lab ID: 12030129

Date: 3/30/2012

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
12030129-001	EPA 300.0	001-NO	mg/L	Wastewater	HeatherM

Start Date/Time Sampled: 3/14/2012 8:10:00 AM Composite End Date/Time: 3/15/2012 8:10:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Nitrate		< 1 mg/L		3/15/2012 11:05:00 PM	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
12030129-001	In House	001-NO	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 3/14/2012 8:10:00 AM Composite End Date/Time: 3/15/2012 8:10:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Total Nitrogen		< 0.5 mg/L		3/29/2012	1	0.5

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
12030129-001	SM 2540D	001-NO	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 3/14/2012 8:10:00 AM Composite End Date/Time: 3/15/2012 8:10:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Total Suspended Solids		< 4 mg/L		3/20/2012	1	4

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
12030129-001	SM 4500-NH3-C	001-NO	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 3/14/2012 8:10:00 AM Composite End Date/Time: 3/15/2012 8:10:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Ammonia-N		< 0.2 mg/L		3/29/2012	1	0.2

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
12030129-001	SM 4500-P-E	001-NO	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 3/14/2012 8:10:00 AM Composite End Date/Time: 3/15/2012 8:10:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Phosphorous-P Total	7723-14-0	0.108 mg/L		3/27/2012	1	0.01

Sample	Method	Client Sample Identity	Units	Matrix	Analyst	
12030129-001	SM 5210B	001-NO	mg/L	Wastewater	CalebH	
Start Date/Time Sampled: 3/14/2012 8:10:00 AM Composite End Date/Time: 3/15/2012 8:10:00 AM						
Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
BOD		< 1 mg/L		3/16/2012 1:00:00 PM	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst	
12030129-001	SM4500-Norg/NH3-B	001-NO	mg/L	Wastewater	LauraB	
Start Date/Time Sampled: 3/14/2012 8:10:00 AM Composite End Date/Time: 3/15/2012 8:10:00 AM						
Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Kjeldahl-N	5228003-90-0	< 0.5 mg/L		3/22/2012	1	0.5

Sample	Method	Client Sample Identity	Units	Matrix	Analyst	
12030129-002	EPA 300.0	002-Lower Set	mg/L	Wastewater	HeatherM	
Start Date/Time Sampled: 3/14/2012 8:05:00 AM Composite End Date/Time: 3/15/2012 8:05:00 AM						
Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Nitrate		< 1 mg/L		3/15/2012 11:19:00 PM	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst	
12030129-002	In House	002-Lower Set	mg/L	Wastewater	LauraB	
Start Date/Time Sampled: 3/14/2012 8:05:00 AM Composite End Date/Time: 3/15/2012 8:05:00 AM						
Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Total Nitrogen		< 0.5 mg/L		3/29/2012	1	0.5

Sample	Method	Client Sample Identity	Units	Matrix	Analyst	
12030129-002	SM 2540D	002-Lower Set	mg/L	Wastewater	LauraB	
Start Date/Time Sampled: 3/14/2012 8:05:00 AM Composite End Date/Time: 3/15/2012 8:05:00 AM						
Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Total Suspended Solids		< 2 mg/L		3/20/2012	0.5	2

Sample	Method	Client Sample Identity	Units	Matrix	Analyst	
12030129-002	SM 4500-NH3-C	002-Lower Set	mg/L	Wastewater	LauraB	
Start Date/Time Sampled: 3/14/2012 8:05:00 AM Composite End Date/Time: 3/15/2012 8:05:00 AM						
Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Ammonia-N		< 0.2 mg/L		3/29/2012	1	0.2

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
12030129-002	SM 4500-P-E	002-Lower Set	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 3/14/2012 8:05:00 AM Composite End Date/Time: 3/15/2012 8:05:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Phosphorous-P Total	7723-14-0	0.140 mg/L		3/27/2012	1	0.01

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
12030129-002	SM 5210B	002-Lower Set	mg/L	Wastewater	CalebH

Start Date/Time Sampled: 3/14/2012 8:05:00 AM Composite End Date/Time: 3/15/2012 8:05:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
BOD		< 1 mg/L		3/16/2012 1:00:00 PM	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
12030129-002	SM4500-Norg/NH3-B	002-Lower Set	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 3/14/2012 8:05:00 AM Composite End Date/Time: 3/15/2012 8:05:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Kjeldahl-N	5228003-90-0	< 0.5 mg/L		3/22/2012	1	0.5

Qualifier: Description:

B-	Method blank contaminated with target analyte.
B1-	BOD had total oxygen loss. Result reported as ">"the highest dilution.
B2-	BOD had no oxygen loss. Result reported as "<" the lowest dilution.
G-	Reporting limit elevated due to matrix interference.
H-	Method prescribed holding time exceeded.
J-	Indicates an estimated value. Value is less than the quantitation limit.
LH-	Laboratory control spike(s) was high. Results may be biased high.
LL-	Laboratory control spike(s) was low. Results may be biased low.
MH-	Matrix spike recovery high due to matrix. Results may be biased high.
ML-	Matrix spike recovery low due to matrix. Results may be biased low.
NC-	Spike recovery was not calculated due to the concentration of the analyte being >4 times the concentration of the spike added.
R-	RPD outside acceptable recovery limits.
RO-	Sample received out of holding time.
SH-	Surrogate recovery high due to matrix
SL-	Surrogate recovery low due to matrix
TNTC-	Too numerous to count.
U-	BOD/CBOD blank had an oxygen depletion greater than the suggested amount of 0.200.

Chain of Custody No. 88334
Multiple COC's Yes No



CHAIN OF CUSTODY

317 Elm Street Milford, NH 03055
(603) 673-5440 / Fax (603) 673-0366

A CUSTOMER INFORMATION				B PROJECT INFORMATION				C SAMPLE INFORMATION			
CUSTOMER: <u>M.H. Fish & Game</u>				JOB NAME: <u>Powder Mill Hatcher's</u>				TURNAROUND TIME: (CIRCLE ONE) <u>STANDARD</u> RUSH			
ADDRESS: <u>11 Hazen Dr</u>				JOB NUMBER: _____				MCP <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> GW1 <input type="checkbox"/> GW3			
CITY/STATE/ZIP: <u>Concord, N.H. 03301</u>				LOCATION: <u>New Durham N.H.</u>				RUSH T.A.T. _____ (CHECK w/LAB)			
TELEPHONE: <u>603 371 1741</u>				TELEPHONE: <u>603 855 2041</u>							
REPORT TO: _____				CONTACT: <u>Tom Grizzle</u>							
P.O. NUMBER: _____				QUOTE NUMBER: _____							
STATION # D	SAMPLE IDENTIFICATION & LOCATION E	COLLECTED F DATE TIME	G DATE TIME	SAMPLE TYPE H GRA TYPE COM	I MATRIX LIQUID (L) COMBINED (C) HAZARD (H)	J # OF CONTAINERS	K CONTAINER AND PRESERVATIVE H2527	L ANALYSIS			
001 - N.O		3/14/12 8:10	3/15/12 8:10	✓	L	1	✓	T-Phos - Nitrogen			
001 - N.O		3/14/12 8:10	3/15/12 8:10	✓	L	1		BOD - TSS			
002 - lower set		3/14/12 8:05	3/15/12 8:05	✓	L	1	✓	T-Phos - Nitrogen			
002 - lower set		3/14/12 8:05	3/15/12 8:05	✓	L	1		BOD - TSS			
		DATE	TIME								
		DATE	TIME								
		DATE	TIME								
M CUSTODY				SAMPLER: <u>Thomas Grizzle</u>				SAMPLE CHECK LIST:			
				SIGNATURE: _____				RECEIVED WITHIN HOLD TIME RECEIVED IN GOOD CONDITION TEMP BLANK <u>5</u> °C SHIPPED OR <u>AND</u> DELIVERED SAMPLES WERE PROPERLY PRESERVED IF NO EXPLAIN: _____			
RELINQUISHED:				DATE <u>3/15/12</u> TIME <u>8:10</u>				YES OR NO			
RECEIVED:				DATE <u>3/15/12</u> TIME <u>11:35</u>				YES OR NO			
RELINQUISHED:				DATE <u>3/15/12</u> TIME <u>1444</u>				YES OR NO			
RECEIVED FOR LAB:				DATE <u>3/15/12</u> TIME <u>1441</u>				YES OR NO			
GROUP # <u>112212030129</u>				3/29							